Index Location

This is a simple challenge to get things started. Given a sorted array (arr) and a number (V), can you print the index location of V in the array?

Input Format

The first line contains an integer, V , a value to search for.

The next line contains an integer, n , the size of arr.

The last line contains n space-separated integers, each a value of arr[i] where 0<=i

Constraints

0<=i0

Output Format

Output the index of V in the array.

Sample Input 0

```
5
5
2  3  4  25  5
```

Sample Output 0

```
4
```